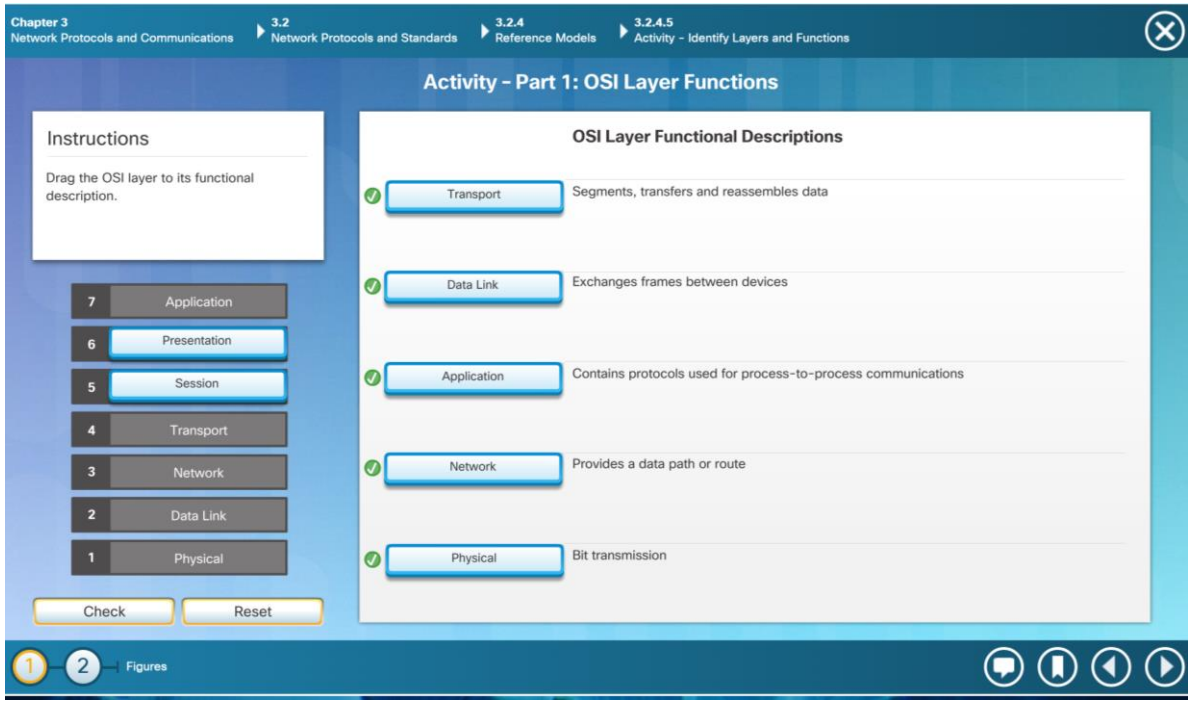
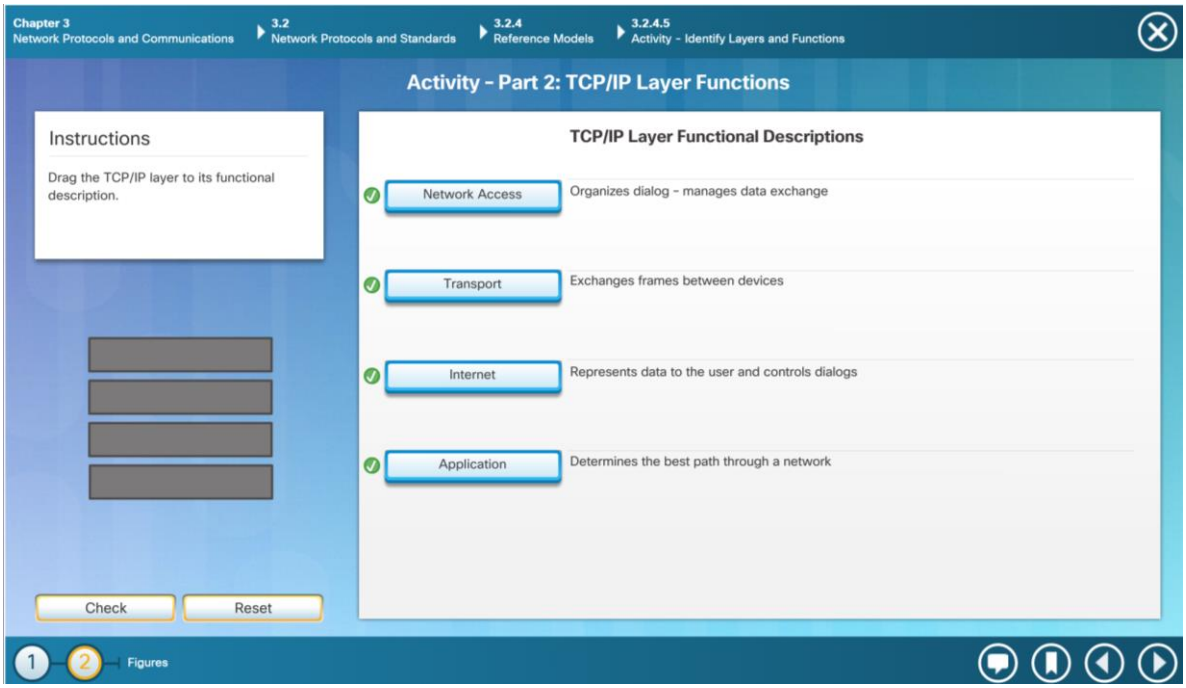
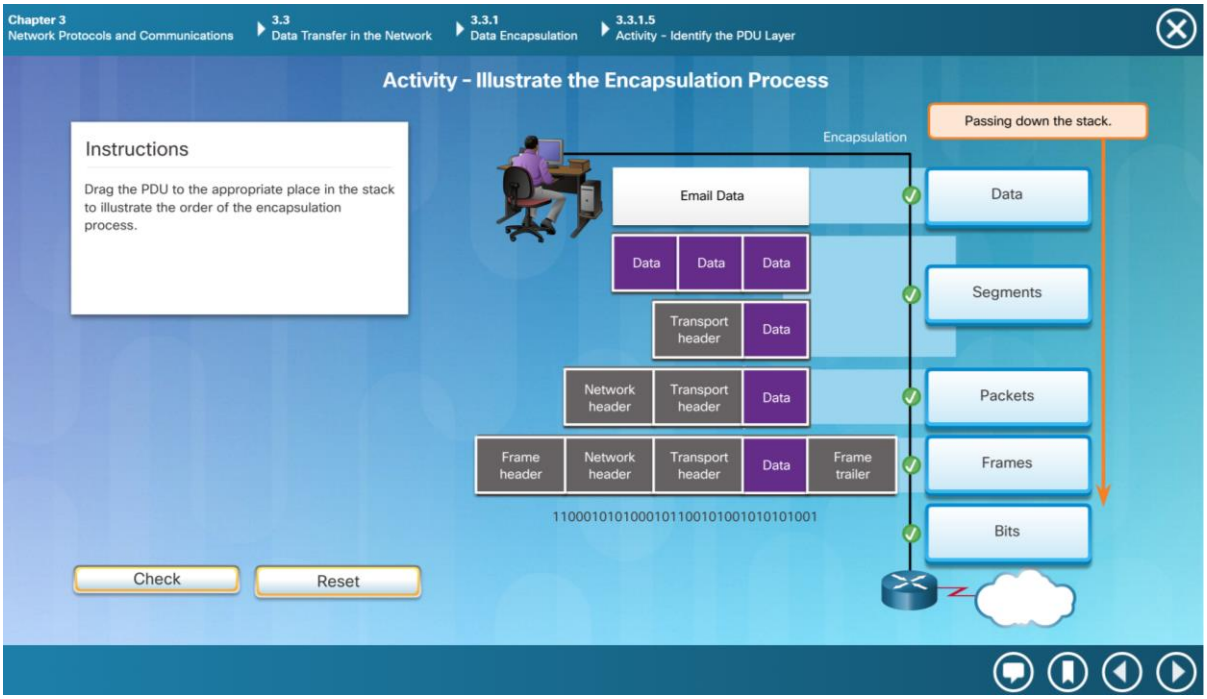

Capítulo 3
Protocolos y comunicaciones de red
3.2
Protocolos y estándares de red
3.2.2
Suites de protocolos
3.2.2.5
Actividad: Asignación de los protocolos de la suite TCP/IP
Actividad: Protocolos y Capas
Instrucciones
Arrastre el protocolo o estándar al nombre de la capa TCP/IP como se describe.
Aplicación
Transporte
Internet
Acceso a la red
POP
TCP
IP
Ethernet
DHCP
UDP
OSPF
Controladores de interfaz
DNS
ICMP
BOOTP
EIGRP
FTP
HTTP
IMAP
SMTP
Verificar
Restablecer


Chapter 3
Network Protocols and Communications
3.2
Network Protocols and Standards
3.2.4
Reference Models
3.2.4.5
Activity - Identify Layers and Functions
Activity – Part 1: OSI Layer Functions
Instructions
Drag the OSI layer to its functional description.
7 Application
6 Presentation
5 Session
4 Transport
3 Network
2 Data Link
1 Physical
Check
Reset
OSI Layer Functional Descriptions
Transport
Segments, transfers and reassembles data
Data Link
Exchanges frames between devices
Application
Contains protocols used for process-to-process communications
Network
Provides a data path or route
Physical
Bit transmission
1
2
Figures


Chapter 3
Network Protocols and Communications
3.2
Network Protocols and Standards
3.2.4
Reference Models
3.2.4.5
Activity - Identify Layers and Functions
Activity - Part 2: TCP/IP Layer Functions
Instructions
Drag the TCP/IP layer to its functional description.
TCP/IP Layer Functional Descriptions
Network Access
Organizes dialog - manages data exchange
Transport
Exchanges frames between devices
Internet
Represents data to the user and controls dialogs
Application
Determines the best path through a network
Check
Reset
1
2
Figures


Chapter 3
Network Protocols and Communications
3.3
Data Transfer in the Network
3.3.1
Data Encapsulation
3.3.1.5
Activity - Identify the PDU Layer
Activity - Illustrate the Encapsulation Process
Instructions
Drag the PDU to the appropriate place in the stack to illustrate the order of the encapsulation process.
Encapsulation
Passing down the stack.
Email Data
Data
Data
Data
Data
Segments
Transport header
Data
Network header
Transport header
Data
Packets
Frame header
Network header
Transport header
Data
Frame trailer
Frames
1100010101000101100101001010101001
Bits
Check
Reset